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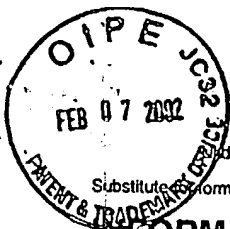
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number : 09/868,694

Filing Date: 02/08/1999

First Named Inventor: Bertrand

Group Art Unit: ~~42~~ 2121

Examiner Name: ~~42~~ J.P. Hinc

Attorney Docket Number: 05222.00153

(Use as many sheets as necessary)

Sheet 1 of 14

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Words, etc., Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
H		US-4,622,013	11/11/1986	Cherchio	
H		US-4,874,784	10/17/1989	Clancey	
H		US-4,981,766	01/02/1990	Derr, et al.	
H		US-4,931,950	06/05/1990	Isle, et al.	
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H		US-4,977,529	12/11/1990	Gregg, et al.	
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H		US-5,208,745	05/04/1993	Quentin, et al.	
H		US-5,208,898	05/04/1993	Funabashi, et al.	
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H		US-5,259,766	11/09/1993	Sack et al.	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)			
		EP 0 689 132 A2	12/27/95	Laffra	
		EP 0 710 942 A2	05/08/96	Siefert	
		EP 0 710 942 A2	05/08/96	Siefert	
		EP 0 798 655 A2	10/01/97	Jervis, et al.	
		WO 00/04478	01/27/00	Jonsson	
		WO 97/44766	11/27/97	Cook	
		WO 98/03953	01/29/98	Simmons	
		WO 98/25251	06/11/98	Ho	
		WO 98/32109	07/23/98	De Lange	

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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Application Number : 09/868,694

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First Named Inventor: Bertrand

Group Art Unit: ~~n/a~~ 2121.

Examiner Name: ~~W.A.~~ J.P. Hinc
Attorney Docket Number: 05222.00153

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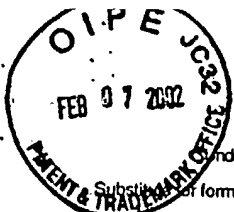
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Group Art Unit: ~~2121~~ 2121

Examiner Name: ~~W.A.~~ J.P. Hinc

Attorney Docket Number: 05222.00153

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		"Evaluating the effectiveness of feedback in SQL-tutor", IEEE, proc. Int. workshop IWALT, pp 143-144	
		"Automated Exercise Progression in Simulation-Based Training," IEEE Trans. On Systems, Man, and Cybernetics, Vol. 24(6), pp. 863-74, June 1994	
		"ACM Transactions on Information Systems," 1988 at www.acm.org/pubs/toc/Abstracts/tols/59238/414	
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		"A Special Section -- Goal Based Scenarios: A New Approach to Professional Education: Reengineering Education at Andersen Consulting," Educational Technology, Nov.-Dec. 1994	
		"Goal-Based Scenarios and the Problem of Situated Learning: A Commentary on Andersen Consulting's Design of Goal-Based Scenarios," Educational Technology, Nov.-Dec. 1994	
		"DDD--A Free Graphical Front-End for UNIX Debuggers," Jan. 1996, ACM Sigplan Notices, Vol. 31, No. 1, pp. 22-27	
		"Automated Training of Legal Reasoning" at http://www.bileta.ac.uk/94papers/muntjew.html	
		"The Virtual Learning Environment System," 28th Annual Frontiers in Education Conference, Conference Proceedings, Vol. 2, Nov. 4-7, 1998	
		"Developing a Design System into an Intelligent Tutoring System," Int'l J. Engr. Edu., Vol. 13(5), pp-341-46, Dec. 1997	
		"CAPTOR a model for delivering web based intelligent tutoring system technology", IEEE Proc. DASC vol. 2, pp 5.C.4.1-5	

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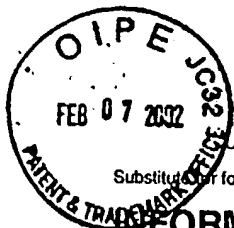
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First Named Inventor: Bertrand

Group Art Unit: 2121

Examiner Name: J.P. Hinc

Attorney Docket Number: 05222.00153

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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		"Bridging the Virtual and the Physical: The InterSim as a Collaborative Support Interface," Proc. Of 1997 World Conf. On Artificial Intelligence in Education, pp. 556-58, Dec. 1997	
		"Task-Oriented Learning on the Web"; Innovations in Education and Training International, Vol. 36, No. 1, Feb. 1999	
		"Applications of BrainMaker Neural Network to stocks, business, medical, manufacturing" at www.catsci.com/Applications.html	
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		"Interactive Multimedia Instructs the Individual," Oct. 1994, Occupational Health & Safety, Vol. 63, No. 10, pp 144-145	
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		"Popular Theory Supporting the Use of Computer Simulation for Experiential Learning," http://www.centurionsys.com/rtdc157.html , Aug. 1997	
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		"Teaching Real-World Analysis Skills for Goal-Based Scenario," pp. 68-74	

Examiner Signature		Date Considered	<u>8/2/4</u>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 14

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Application Number : 09/868,694

Filing Date: 02/08/1999

First Named Inventor: Bertrand

Group Art Unit: ~~n/a~~ 2.12/

Examiner Name: ~~wa~~ J.P. Hinc
Attorney Docket Number: 05222.00153

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U.S. PATENT DOCUMENTS ENTER R3700					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
A		US-5,727,950	03/17/1998	Cook, et al.	
H		US- 5,745,652	04/28/1998	Bigus	
A		US- 5,772,446	06/30/1998	Rosen	
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H		US- 5,799,292	08/25/1998	Hekmatpour	
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H		US- 5,810,747	09/22/1998	Brudney, et al.	
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H		US- 5,893,123	04/06/1999	Tuinenga	
A		US- 5,911,581	06/15/1999	Knight Jeremy, et al.	

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Application Number : 09/868,694

Filing Date: 02/08/1999

First Named Inventor: Bertrand

Group Art Unit: ~~2121~~ 2121Examiner Name: ~~2121~~ J.P. Hinc

Attorney Docket Number: 05222.00153

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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		"Artificial Intelligence and Mathematics Education" at http://www.rand.org/hot/mcarthur/Papers/aied.html	
		"The Roles of Artificial Intelligence in Education: Current Progress and Future Prospects" at http://www.nlb.unicamp.br/recursos...education/Intelligent-tutoring.html	
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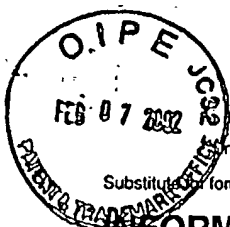
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		"A-Goal-Centered-Architecture for Intelligent Tutoring Systems," Proc. Of 7th World Conf. On Artificial Intelligence in Education, pp. 307-314, Aug. 1995	
		"Smart-Avatars in JackMOO," Proceedings of the 1999 IEEE Conference on Virtual Reality, pp. 156-63	
		"Embedding an Intelligent Tutoring System in a Business Gaming-Simulation Environment," Proc. Of the 1999 Winter Simulation Conference, pp. 1399-1406, Dec. 1994	
		"Evaluating Intelligent Tutoring with Gaming Simulations," Proc. Of the 1995 Winter Simulation Conf., pp. 1475-83, Dec. 1995	
		"Persistent Issues in the Application of Virtual Environment Systems to Training," August 1996, Proceedings. Third Annual Symposium on Human Interaction with Complex Systems, IEEE, pp. 124-32.	
		"The Lisp Tutor," Byte, pp. 169-75, Apr. 1985	
		"Pedagogical, natural language and knowledge engineering techniques in SOPHIE I, II, and III," in Intelligent Tutoring Systems, D. Sleeman & J.S. Brown eds., pp. 227-82, Dec. 1982	
		Interactive Multimedia Distance Learning (IMDL): The Prototype of the Virtual Classroom, 1994.	
		"Understanding Organizational Dynamics of IT-Enabled Change: A Multipedia Simulation Approach," Winter 1997/1998, Journal of Management Information Systems: JIMIS, Vol. 14, No. 3, pp. 109-140.	
		"Intelligent Computer-Aided Instruction: A Survey Organized Around System Components," Jan. 1989, IEEE Inc., New York, Vol. 49, No. 1, pp. 40-57.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number : 09/868,694

Filing Date: 02/08/1999

First Named Inventor: Bertrand

Group Art Unit: ~~2121~~ 2121

Examiner Name: ~~W. J. P. Hinc~~ W. J. P. Hinc

Attorney Docket Number: 05222.00153

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		"Conducting and Supporting a Goal-Based Scenario Learning Environment," Educational Technology, Nov.-Dec. 1994	
		"Interface design issue for advising giving expert systems", Comm. Of the ACM, vol 30, no. 1, pp14-31	
		"An Object-Oriented Architecture for Evolutional Development of Interactive Learning Environment with Coached Problem-Solving," Proc. Of 1997 World Conf. On Artificial Intelligence in Education, pp. 592-94, Dec. 1997	
		"Architecture of an Intelligent Tutoring System on the WWW," Proc. Of 1997 World Conf. On Artificial Intelligence in Education, pp. 39-46 Dec. 1997	
		"Socialized Collaborative Learning in Multimedia Virtual Worlds" URL: http://www.lscs.nus.edu.sg/labs/learning/lels/VRML.html ; viewed Feb. 16, 1999	
		Flexible Learning, Feb. 1998; Credit Union Management Vol. 21, No. 2, pp. 32-33+	
		"Teaching Through Case-Based Reasoning: An ITS Engine Applied to Business Communication," Proc. Of 1997 World Conf. On Artificial Intelligence in Education, pp. 111-18 Dec. 1997	
		"Train with Less Pain," Oct. 13, 1997, Informationweek No. 652, pp. 150-154	
		"Virtual Learning: A Revolutionary Approach to Building a Highly Skilled Workforce," Autumn 1998, Personnel Psychology Vol. 51, No. 3, pp. 767-71	
		"Intelligent Tutoring Systems: An Overview" at http://www.intellectbooks.com/authors/lawler/its.htm	

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Application Number : 09/868,694

Filing Date: 02/08/1999

First Named Inventor: Bertrand

Group Art Unit: 2121

Examiner Name: J.P. Hinc

Attorney Docket Number: 05222.00153

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		"No More Boring CPE," July 1997, Accounting Technology, pp. 27-35	
		Computer Dictionary, 1997, pp. 264, 276, 383, 446, 462, 507.	
		"Rule-Based Programming with OPS5" at www.mkp.com/books_catalog/O-934613-51-6.asp	
		"From Computer-Assisted Instruction to Intelligent Tutoring Systems," J. Artificial Intelligence in Education, V. 2(3), pp. 39-50, Dec. 1997	
		"MUSE U.S. Patents" at www.muser.com/html/patents.html	
		"Distributed Intelligent Tutoring on the Web," Proc. Of 1997 World Conf. On Artificial Intelligence in Education, pp. 482-89, Dec. 1997	
		"RadTutor: The Theoretical and Empirical Basis for the Design of a Mammography Interpretation Tutor," Proc. Of 1997 World Conf. On Artificial Intelligence in Education, pp. 386-393 Dec. 1997	
		"Using the Wizard of Oz Technique to Prototype a Scenario-Based Simulation Tutor," Proc. Of 1997 World Conf. On Artificial Intelligence in Education, pp. 458-65, Dec. 1997	
		"Using Planning Techniques to Provide Feedback in Interactive Learning Environments," Proc. Sixth Int'l Conf. On Tools with Artificial Intelligence," pp. 700-03, Nov. 1994	
		"An Electronic Infrastructure for a Virtual University," Communications of the ACM, Vol. 40, No. 9, Sep. 1997.	
		"Simulation Technology and Parallelism in Learning Environments" at http://www.to.utwente.nl/prj/min/Book/chapter1.htm	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number : 09/868,694

Filing Date: 02/08/1999

First Named Inventor: Bertrand

Group Art Unit: ~~2121~~ 2121

Examiner Name: ~~W.A.~~ J.P. Hinc

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		"Engines for Education" URL: http://www.ils.nwu.edu/~e_for_e/nodes/I-M-INTRO-ZOOMER-pg.html ; viewed Feb. 15, 1999.	
		"FinPlan System" at www.rlat.org/ru/FinPlan/	
		"Enhancing Simulation Education with Intelligent Tutoring Systems," Proc. Of the 1996 Winter Simulation Conf., pp. 675-80, Dec. 1996	
		"Computer Aided Instruction for Statistics: A Knowledge-Based Systems Approach," Int'l J. of Computers in Adult Education and Training, Vol. 5(1), pp. 3-14.	
		"Teaching with the internet". 1998, JAI Press Inc., USA. Vol no. 3, pp 217-222	
		"Development of a Simulation-Based Intelligent Tutoring System for Assisting PID Control Learning," Jan. 1994, IEICE Transactions on Information and Systems, E77-D, No. 1, Tokyo Japan, pp. 108-17.	
		"Authoring Intelligent Tutoring Systems: An Analysis of the State of the Art" at http://www.cs.umass.edu/~tmurray/papers/ATSummary/AuthTools.html	
		Multimedia Training "Get Lemonade, Not a Lemon!" June 1997, Journal for Quality and Participation vol. 20, No. 3, pp. 22-26	
		SMART-Evaluation: Cognitive Diagnosis, Mastery Learning & Remediation," Proc. Of 7th World Conf. On Artificial Intelligence In Education, pp. 123-30, Aug. 1995	
		"Decision Pro3.0" at www.vanguardsw.com/	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number : 09/868,694

Filing Date: 02/08/1999

First Named Inventor: Bertrand

Group Art Unit: ~~2121~~ *2121*

Examiner Name: ~~W.A.~~ *J.P. Hinc*

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		"A Fuzzy-Logic-Based Intelligent Tutoring System," Information Processing 92, Vol. II, pp. 66-72, Dec. 1992.	
		"The SimQuest Authoring System for Simulation-Based Discovery Learning," Proc. Of 1997 World Conf. On Artificial Intelligence in Education, pp. 79-86, Dec. 1997	
		"A Browser-Based System to Support & Deliver DE," 28th Annual Frontiers in Education Conference, Conference Proceedings, Vol. 1, Nov. 4-7, 1998	
		"Goal-Based Scenarios and Business Training: A Conversation with Roger C. Schank," Educational Technology, Nov.-Dec. 1994	
		"Automate Your Business Plan" at www.business-plan.com/screen2.html	
		"Kiplinger TaxCut Press Releases" at http://www.taxcut.com/taxcut/98press_releases/pr98_nowshipping.html	
		"TurboTax Deluxe Product Information" at http://www.intuit.com/turbotax/prodinfo/ttdlx.html	
		"Why Should the Teens Have All the Best Games?.. Management Skill with Oil, Health, Housing Games," Computergram Int'l, June 176, 1996	
		"Template Software Business Simulator, Chapter 8, August 1997	
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Application Number : 09/868,694

Filing Date: 02/08/1999

First Named Inventor: Bertrand


Group Art Unit: ~~n/a~~ 2121
Examiner Name: ~~n/a~~ J.P. Hinc

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